

FIRE DEPARTMENT MECHANIC

(Competitive Class)

DISTINGUISHING FEATURES OF THE CLASS

This class encompasses positions in the repair and maintenance of fire department vehicles and equipment. Employees of this class inspect and test the working condition of all vehicles at regular intervals, perform required safety inspections on all department vehicles, repair fire engines, fire pumps, equipment, tools or fixtures used on fire apparatus, and order replacement parts for fire vehicles and equipment. The Fire Department Mechanic performs routine tasks with a high degree of independence, reporting directly to the Chief Administrative Officer.

EXAMPLES OF WORK

Examples listed below are illustrative only. They are not intended to include all duties which may be assigned, neither are they intended to exclude other duties which may be logical assignments to this class.

Performs installation, maintenance and repairs to brake systems including drum brakes, disc brakes, power brakes, master cylinders, and other system components.

Performs installation, maintenance and repairs to cooling systems including liquid and air cooling systems, radiators, thermostats, water pumps, water hoses, fans and fan belts, and other system components.

Performs installation, maintenance and repairs to drive train systems including transmissions, clutches, drive shafts, differentials, universal joints, and other system components.

Performs installation, maintenance and repairs to fuel systems including fuel pumps, carburetors, chokes, fuel lines and filters, and other system components.

Performs installation, maintenance and repairs to electrical systems including batteries, starter systems, generators, alternators, ignition systems, and other system components.

Performs installation, maintenance and repairs to lubricating systems including oil filters, oil seals, PCV systems, and other system components.

Performs installation, maintenance and repairs to steering and suspension systems including front-end assemblies, steering linkages, power steering systems, wheel bearings, ball joints, tires, and other system components.

Performs installation, maintenance and repairs to gasoline engines including intake and exhaust manifolds, cylinder heads, tappets, piston assemblies, engine bearings, crankshafts, camshafts and valve lifters, valves, gaskets, and other components.

Performs installation, maintenance and repairs to diesel engines, including starting-air compressors, scavenging-air systems, air-starting valves, governors, fuel spray nozzles, turbochargers, and other components.

Performs installation, maintenance and repairs to emission systems including mufflers, resonators, catalytic converters, and other system components.

Performs installation, maintenance and repairs to air conditioning systems and components.

Performs installation, maintenance and repairs to fire automotive instruments and accessories including speedometer, tachometer, communications equipment, lights and flashers, and windshield wipers and washers.

Performs maintenance and repair of fire automotive equipment using automotive maintenance instruments including the oscilloscope, hydrometer, voltmeter, dwell tachometer, dynamometer, and vacuum gauge.

Maintains, inspects, tests, and repairs fire pumps, portable extinguishers, fire hose, portable generators, hydraulic motors, pumps, and cylinders, aerial ladders, and self-contained breathing apparatus. Personally completes all forms and records required.

Performs any related duties assigned.

QUALIFICATION REQUIREMENTS

Unless otherwise specified, all requirements listed below must be met by the filing deadline for application for admission to the examination.

Must meet all requirements of the Municipal Fire and Police Civil Service Law, including being a citizen of the United States and being a qualified elector of the state of Louisiana.

After offer of employment, but before beginning work in this class, must pass a medical examination, prepared and administered by the Appointing Authority, designed to demonstrate good health and physical fitness sufficient to perform the essential duties of the position, with or without accommodation.

Must have a minimum of two years experience in general

automotive mechanics.

Prior to confirmation, must obtain and maintain department approved emergency vehicle technician certification.